

Statement of Work (SOW) for Launch Vehicle Data Centers Consoles Upgrade 2015

RFP Rev. 2

NNK15538997R

Purpose

The contractor shall provide control room consoles and the materials and labor to install them in support of the refurbishment and modernization of the NASA Launch Services Program (LSP) Launch Vehicle Data Centers (LVDCs) located at Cape Canaveral Air Force Station, FL (CCAFS) and Vandenberg Air Force Base, CA (VAFB).

The control room consoles shall meet the specifications as defined in Appendix A, LVDC Console Furniture Specification, and shall be arranged to meet the floor plan layouts for each room as shown in Appendix B, Floor Plan Layouts – Launch Vehicle Data Centers. The acquisition is for consoles only, and does not include chairs or electronic items pictured in Appendix B.

For purposes of this SOW, the two primary console sizes will be referred to as:

- 1) **Data intensive** – Consoles sized width-wise to accommodate two 27" 16:9 aspect ratio data monitors side-by-side.
- 2) **General usage** – Consoles sized width-wise to accommodate a single 27" 16:9 aspect ratio data monitor and provide sufficient working space for user.

Work Locations

- 1) Cape Canaveral Air Force Station, FL; Building 60680 (Hangar AE); Rooms 1120 (LVDC #1), 1130 (LVDC #2), and 1140 (LVDC #3).
- 2) Vandenberg Air Force Base, CA; Building 836 (Telemetry and Mission Support Building); Rooms 20B (LVDC #1) and 20C (LVDC #2).

Installation

The contractor will be responsible for the complete installation of the console furniture and associated accessories. This shall include transportation of all materials to the work site and staging of materials inside the LVDC rooms. The contractor shall cleanup after installation. Removal of existing equipment, wiring, and consoles; leveling of computer flooring; closing up of inter-LVDC door openings; replacement of wall coverings; installation of equipment in and wiring of the new consoles; and activation of the LVDC will be done by the Government.

Schedule

The LVDCs are operationally active rooms in support of launch vehicle testing and launches. Only a single LVDC can be taken out of service at a time. As such, the console installation work can only be done in one LVDC at a time and in conjunction with and coordinated with complimentary upgrade and modernization activities performed by others.

Total available work windows in each LVDC will be approximately six weeks, as shown in the tentative schedule below; however, this tentative schedule will be adjusted to accommodate Government requirements, if necessary. The contractor shall plan for the possibility of up to a four-month delay in the following schedule. The contractor shall have no more than 7 working days to install the new consoles in each LVDC.

The revised tentative LVDC out-of-service work windows are:

VAFB Bldg. 836 LVDC #1 09/20/2015 – 10/31/2015
CCAFS Hangar AE LVDC #1 10/04/2015 – 11/14/2015
VAFB Bldg. 836 LVDC #2 11/15/2015 – 12/26/2015
CCAFS Hangar AE LVDC #2 12/13/2015 – 01/23/2016
CCAFS Hangar AE LVDC #3 01/23/2016 – 03/12/2016

It is currently planned that the contractor will have access to the LVDCs beginning with the fourth week of the out-of-service window. Work periods may be adjusted in dates and/or duration to meet LSP operational support requirements. The contractor will be notified of any schedule changes.

Phase I: Prototype Delivery and Installation at CCAFS Hangar AE

Contractors selected in Phase I of this acquisition will be required to supply a demonstration unit for evaluation as part of their submittal. The demonstration unit shall meet the full specification as shown in Appendix A, LVDC Console Furniture Specification. The demonstration unit will consist of the two adjacent data intensive consoles at the southeast corner of Hangar AE LVDC #1 at KSC. The console positions to be used as demonstration units are identified on the Hangar AE LVDC #1 floor plan (Figure 1) in Appendix B, Floor Plan Layouts – Launch Vehicle Data Centers.

The demonstration unit will be delivered to Hangar AE, CCAFS, FL, within 45 days after selection under Phase I of this acquisition. The demonstration unit will remain in possession of LSP at Hangar AE until the award of Phase II of this procurement. The demonstration unit will be outfitted by the Government as fully functional operational LVDC consoles. The demonstration unit of the offeror selected for award under Phase II will be used in Hangar AE LVDC #1, as indicated in Figure 1 of Appendix B. Unsuccessful offerors will make arrangements with the contracting officer to have their demonstration units returned to them.

Work Hours:

Installation will be done during normal working hours at either site. The normal working hours for CCAFS are:

Sunday-Saturday 0700-1800 (local)

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Normal working hours for VAFB are:

Sunday-Saturday 0700-1800 (local)

Storage:

Storage is available at both CCAFS and VAFB for the contractors to transport all the material needed for installation at either site into a single shipment to that site to store until it is needed. The contractor will be responsible for receiving the shipment at the site and storing it in the designated area. Storage areas at both locations are within 0.5 mile of the work site.

Upon completion of the installation work at either site in Phase II, the contractor will have 7 days to remove all excess material, packaging, and refuse from the designated storage areas.

Badging:

Contractor personnel must be badged to enter the gates at both CCAFS and VAFB. Temporary badges will be issued to contractor approved personnel. The badging process differs at the two locations and each location requires the contractor to complete the badging process at that location independent of the other.

Cape Canaveral Air Force Station/Kennedy Space Center (CCAFS/KSC):

The contractor shall submit the following information to the contracting officer a minimum of seven (7) calendar days prior to a visit for each individual needing access to the CCAFS location. The information to be submitted is:

- 1) Full name (Last, First MI)
- 2) Country of Citizenship
- 3) Copy of one of the following: SSN, Passport #, Naturalization #, or Alien Registration # (Green Card)
- 4) Company Name and Address
- 5) Date of Birth
- 6) Place Of Birth
- 7) Start Date of Visit
- 8) End Date of Visit

Temporary badges can be issued for up to 30 days at a time so it is only necessary to submit one visitor badge request per person for multiple visits within a thirty-day window. The start date to use is the initial visit start date and the end date is the date of completion for the last visit within the 30-day window.

The information will be forwarded to the KSC Badging Office, where the badges will be issued. The KSC Badging Office is located on the NASA Causeway (extension of SR 405 onto Kennedy Space Center). The building number is M6-0224, and there is a sign along the road identifying it as the KSC Badging Office. While heading east on the NASA Causeway, the Badging Office is the first building past the traffic signal at the entrance to the Kennedy Space Center Visitor Center on the south (right) side of the road.

The KSC Badging Office is open Monday through Friday from 6 am to 4 pm for issuance of temporary badges. An individual must appear in person and present a photo Identification of themselves for a badge to be issued.

Vandenberg Air Force Base:

For access to VAFB, visitors must obtain either a Visitor Pass (AF Form 75) or a Defense Biometric Identification System badge (DBIDS), from the Visitor Control Center at Santa Maria Gate. For visits less than 30 days, an AF Form 75 will be issued. Visits of more than 30 days and up to one year will require a DBIDS badge. Some form of picture identification is required for every person entering VAFB and anyone at any time is subject to an identification and vehicle check. Provided all access requirements have been satisfied and an authorization letter has been received by the Visitor Control Center 24 hours prior to the visit, temporary passes can be issued for up to one year.

The contractor will submit the following information to the contracting officer a minimum of seven (7) calendar days prior to a visit for each individual needing access to the VAFB location. The information to be submitted is:

- 1) Full Name (as it appears on driver's license)
- 2) Company name
- 3) Purpose of Visit
- 4) Date(s) of Visit
- 5) Times of Day access is required (e.g., 07:00 – 16:00, 24 hours per day, etc.)
- 6) Days of Week access is required (M-F, 7 days a week, etc.)

The information will be forwarded to the VAFB Visitor Control Center where the badges will be issued. All visitors must report to the Visitor Control Center to obtain VAFB access badges prior to admittance onto VAFB for the first time. Notify the Security personnel the sponsor is **a.i. solutions** (not NASA). Visit letters are filed under the name of the sponsoring organization.

Individuals will present the following items to the United States Air Force Security personnel:

- 1) Valid Driver's License,
- 2) Vehicle Registration
- 3) Proof of Insurance (if driving a rental vehicle, present the car rental agreement).

The Visitor Control Center, Building 17596, is located at Highway 1 and Lompoc-Casmalia Road. Hours of operation are 0600 to 1630 Monday through Friday. The Visitor Control Center is closed weekends, holidays and AF down days.